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2007

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citation for published version (APA)

van Deelen, R. (2007). *Rotational Raman scattering in the Earth's atmosphere: Modeling and application to satellite measurements of backscattered sunlight*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam].

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VRIJE UNIVERSITEIT

**Rotational Raman scattering
in the Earth's atmosphere**

Modeling and application to
satellite measurements of
backscattered sunlight

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan
de Vrije Universiteit Amsterdam,
op gezag van de rector magnificus,
prof.dr. L.M. Bouter,
in het openbaar te verdedigen
ten overstaan van de promotiecommissie
van de faculteit der Exacte Wetenschappen
op dinsdag 27 november 2007 om 13.45 uur
in de aula van de universiteit,
De Boelelaan 1105

door

Rutger van Deelen

geboren te Steinheim, Duitsland